Welcome!

An Introduction to Vibrant America Clinical Labs COVID Antibody & RT-PCR Test

Presented By:  
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Williamsburg Drug Co.

Your Representative:  
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Cell- 908-902-4563

Who is T.W. Taylor:  
• Pharmacist/Owner Williamsburg Drug  
• Former Winston Cup Driver  
• Pilot: Multiengine Instrument rated  
• Goal: increase cash business in independent pharmacies

“The best way to predict your future is to create it.”  
Abraham Lincoln
Who is your Vibrant Rep:

- Reside in Monmouth County, NJ
- Married, 2 Children
- Currently Reading: The Untethered Soul by Michael Singer
- Last Movie Watched: Boss Baby
- Previous Pharma then Compounding Rep
- 3rd Rep hired at Vibrant 5 years ago

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About the lab:

- CLIA and CAP Accredited Lab testing
- High Accuracy of over 98%
- Higher Sensitivity and Specificity
- All products manufactured in Class 10K Cleanroom
- ISO 13485 Certified Manufactured Facilities
- 10 granted patents and over 15 pending approvals
- 110K sequences synthesized in-situ
  - On a microarray chip of size 2.25mm²
  - Spot or feature size: 3.5um²
- Available sample types include serum, plasma, urine, blood, DNA, RNA, tissue and stool
Why Vibrant?

- Our tests are built to cover the complete disease span from acute infection to the convalescent phase.
- With a 36hr turnaround time for the combination of PCR and advanced serology-based antibody testing.
- Vibrant can help assist in quick clinical decisions which can help control disease spread.
**VA Advantage: Viral RNA**

- **Early Infection Phase:** *Approximately 0-14 days after infection*
  When the virus enters your body, it starts multiplying, and you may or may not have symptoms. As the virus multiplies, levels of its molecular genetic material (RNA) rise, peak around 1 week, then fall off around 2 weeks.

- **Molecular Tests:** Vibrant America has developed a real-time Polymerase Chain reaction (PCR) based test to detect viral SARS COV-2 RNA present in nasal or nasopharyngeal specimen. Test Turnaround Time is 36 hours from date of sample receipt.
**VA Advantage: IgM Antibody**

- **Later to End Infection Phase:** *Approximately 1-8 weeks after infection*
  
  As your body starts to fight off infection, your immune system produces IgM antibodies. IgM antibodies generally appear several days after symptoms begin and can last 1-8 weeks.

- **IgM Serology:** Vibrant America has developed and obtained FDA EUA for detection of IgM antibodies against 4 COVID-19 antigens using serum or dried blood spot. Turn-around Time for testing is 36 hours from sample receipt.

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**PCR Accuracy**

<table>
<thead>
<tr>
<th>Vibrant COVID-19 RT-PCR</th>
<th>Comparator RT-PCR</th>
<th>Total</th>
<th>Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Assay</td>
<td></td>
<td>(95% Confidence)</td>
</tr>
<tr>
<td></td>
<td>Detected</td>
<td>Not</td>
<td>Detected</td>
</tr>
<tr>
<td>Test Result</td>
<td>50</td>
<td>0</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Total</td>
<td>50</td>
<td>65</td>
<td>115</td>
</tr>
</tbody>
</table>
• **Post-Infection Phase:** *Approximately weeks to months after infection*

As your body continues to fight off infection, it produces fewer IgM antibodies and more long-lasting IgG antibodies. IgG antibodies generally appear later than IgM antibodies.

• **IgG Serology:** Vibrant America has developed and obtained FDA EUA for detection of IgG antibodies against 4 COVID-19 antigens using serum or dried blood spot. Turn-around Time for testing is 36 hours from sample receipt.

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**COVID Antibody Sample Report:**

**Why Vibrant**

- 4 Antigens Tested
  - 99.56% Sensitivity / 99.86% Specificity
- IgM and IgG Tested Individually to All 4 Antigens
- Semi Quantitative Assay
- FDA Authorized for Serum and Dried Blood Spot with same accuracy for both
Dried Blood Spot Advantages:

- The only DBS Antibody test EUA approved
- No phlebotomy needed
- Validated 98% Sensitivity and 99% Specificity
- Stability at ambient temperature
- Shipping stability
- Great precision and reproducibility
Not All Antibody Tests are the Same

This comparison chart is a helpful tool in deciding which FDA Emergency Use Authorized Covid 19 antibody test is right for you. Vibrant America has been granted FDA EUA via serum blood draw AND in office finger stick collection method. All of the other tests on this chart are a serum blood draw.

COVID-19 ANTIBODY TESTING

<table>
<thead>
<tr>
<th>Test</th>
<th>IgM Antibody</th>
<th>IgG Antibody</th>
<th>NucleoProtein</th>
<th>Spike 1 (S1)</th>
<th>Spike 2 (S2)</th>
<th>RBD</th>
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<tbody>
<tr>
<td>VIBRANT AMERICA</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>ABBOTT ARCHITECT</td>
<td>✓</td>
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<td>✓</td>
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<tr>
<td>BIO-RAD-PLATINIA</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>MAGNIFY BY MICROSPHERE</td>
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<tr>
<td>TRANSFORM UNION</td>
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<td>✓</td>
<td>✓</td>
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<tr>
<td>EUROMINIR ELISA</td>
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<td>✓</td>
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<tr>
<td>WOJECT SANK HOSPITAL</td>
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<td>✓</td>
<td>✓</td>
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<tr>
<td>CYTOMED CLINICAL DIAGNOSIS</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BIO-REFERENCE LAB</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

COVID-19 Pricing:

- **RT-PCR**
  - $99
  - Super Bill Available
  - Submit to Insurance
  - Get Reimbursed

- **Antibody**
  - $119
  - Super Bill Available
  - Submit to Insurance
  - Get Reimbursed
Boosting Immune System Function and Reducing Immune Burden

Micronutrients
Toxic Exposure
Dysbiosis
Leaky Gut

Micronutrients: Intracellular and Extracellular
Micronutrients Tested:
The Vibrant Micronutrient test provides the following in-depth assessment of an individual's daily and intracellular levels of micronutrients:

<table>
<thead>
<tr>
<th>Micronutrient</th>
<th>Extra Cellular</th>
<th>Intracellular</th>
<th>Red Blood Cell (RBC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitamin A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vitamin B1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vitamin B2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vitamin B3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vitamin B5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vitamin C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vitamin D3</td>
<td></td>
<td></td>
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<tr>
<td>Vitamin D7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Folate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sulfur</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copper</td>
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<td></td>
</tr>
<tr>
<td>Chromium</td>
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<td></td>
</tr>
<tr>
<td>Iron</td>
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<tr>
<td>Iodine</td>
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<td></td>
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<tr>
<td>Selenium</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Docosahexaenoic acid (DHA)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vitamin A:

- **Serum**
  - Current Result: 19.0 mg/dL
  - Ref Range: 4.5-13.8 mg/dL

- **WBC**
  - Current Result: 4.0 x 10^9/l
  - Ref Range: 1.5-4.8 x 10^9/l

Micronutrient DBS:

Total Micronutrient (DBS):

This is a whole blood test available on dried blood spot (DBS) collection. This test includes whole blood measures of the following analytes:

- **Vitamins**
  - Vitamin A
  - Vitamin B1
  - Vitamin B2
  - Vitamin B3
  - Vitamin B5
  - Vitamin C
  - Vitamin D3
  - Vitamin E
  - Vitamin K1
  - Vitamin K2
  - Folate

- **Minerals**
  - Calcium
  - Manganese
  - Zinc
  - Copper
  - Chromium
  - Iron
  - Magnesium
  - Copper to Zinc Ratio

- **Amino Acids**
  - Asparagine
  - Glutamine
  - Serine
  - Arginine
  - Citrulline
  - Lysine
  - Leucine
  - Valine
  - L-carnitine
  - Dihydroxybutyric acid (DHB)
  - S-adenosylmethionine (SAMe)

- **Antioxidants**
  - Coenzyme Q10
  - Cysteine
  - Glutathione
  - Selenium

- **Metabolites**
  - Cholesterol
  - Inositol
  - Carnitine
  - Methylmalonic acid (MMA)
Vibrant Wellness Test Menu

• Complete Functional Medicine Test Menu
• CLIA Certified and CAP Accredited Lab
• Only CAP Accredited Lab In Functional Medicine
• Ease of Collection
• Best Pricing In Industry

New NCPA Provider Promo

STEP 1:
Open a new account by contacting:
Sherleen Olson
Cell: 908-902-4563
Email: solson@vibrant-america.com

STEP 2:
You will be emailed credentials to access the Vibrant Portal which is where you order and receive results and have access to several educational resources.

STEP 3:
You will be able to take advantage of the $400 discount on wellness testing and consult with our clinical team.

Tests by Sample Type

SERUM OR DRIED BLOOD SPOT (DBS)
✓ All Food Intolerances
✓ Food Sensitivity
✓ Food Additives
✓ Neutrogena/Neutrogena Plus
✓ Infections panel
✓ IBSure
✓ Total Micronutrient (DBS only)

URINE
✓ Mycotoxins
✓ Environmental Toxins
✓ Neurotransmitters
✓ Heavy Metals
✓ Organic Acids
✓ Urinary Hormones

STOOL
✓ Gut Zoomer
WHO OWN’S YOUR PHARMACY??

Join us on September 29th at 2pmET for Part 2 ....

THANK YOU!